

CLAIMS:

1. A network comprising a plurality of switches which
- are combined to respective sub-networks,
 - are coupled to fixed terminals or via base stations to mobile terminals,
 - contain for a respective connection setup from one terminal to a mobile terminal at
- 5 least a table which contains an assignment of the home address of a mobile terminal to its visitor's address and to the sub-network that includes the switch assigned to the mobile terminal.
2. A network as claimed in claim 1, characterized in that a sub-network
- 10 identification features a sub-network and in that a table in a switch contains an assignment of at least all the switches assigned to a sub-network identification.
3. A network as claimed in claim 1, characterized in that the home address is in the form of an identification for a switch assigned to a terminal and an identification for the
- 15 terminal and in that the visitor's address is formed by a combination of an identification for a switch visited at that moment by a mobile terminal and an identification for the mobile terminal.
4. A network as claimed in claim 1, characterized in that in case of a connection
- 20 setup between a terminal and a mobile terminal, initially a first provisional connection is set up to a first switch of the home sub-network of the mobile terminal and then a second provisional connection to the home switch of the mobile terminal, in that, if the home address of the mobile terminal does not correspond with its visitor's address at that moment, the second provisional connection to the home switch is cleared and a second provisional
- 25 connection to the visitor's switch is set up if the mobile terminal is visiting a switch of the home sub-network.

5. A network as claimed in claim 1, characterized in that each switch of a sub-network contains a visitor's table with an assignment via the visitor's addresses at that moment of all the mobile terminals assigned to the sub-network.

- 5 6. A network as claimed in claim 5, characterized in that when a connection is set up between one terminal and a mobile terminal initially a first provisional connection is set up to a first switch of the home sub-network of the mobile terminal and then a second provisional connection is set up to the visitor's switch if the first switch detects in its visitor's table that the mobile terminal is visiting a switch of the home sub-network.

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